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SEQUENCE LISTING

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<120> INTERACTION DETECTION ON SEVERAL PROBE ARRAYS

<130> MAIWAL 3.9-002 CONT

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<151> 2002-09-02

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<151> 2001-08-31

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<170> PatentIn version 3.3

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<223> Description of Artificial Sequence: Synthetic oligonucleotide

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<210> 13  
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<210> 15  
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<210> 19  
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<210> 29  
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<210> 30  
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<210> 32  
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&lt;223&gt; Description of Artificial Sequence: Synthetic probe

&lt;400&gt; 32

aagttacaat gcaacagcct gctgt

25

&lt;210&gt; 33

&lt;211&gt; 30

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic probe

&lt;400&gt; 33

tctaaaacct ggccagcaat cattctgcc

30

&lt;210&gt; 34

&lt;211&gt; 30

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic probe

&lt;400&gt; 34

ctctcctgct acagcagccc gggcatttct

30

&lt;210&gt; 35

&lt;211&gt; 30

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic probe

&lt;400&gt; 35

cgaaggcaaa gcccttatga acagagcagc

30

&lt;210&gt; 36

&lt;211&gt; 30

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic probe

&lt;400&gt; 36

tcccaatgaa tacacgggag ttcattggagc

30

&lt;210&gt; 37

&lt;211&gt; 30



<212> DNA  
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<220>  
<223> Description of Artificial Sequence: Synthetic probe

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<210> 38  
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<220>  
<223> Description of Artificial Sequence: Synthetic probe

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<210> 39  
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<210> 46  
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<223> Description of Artificial Sequence: Synthetic probe

<400> 47  
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<211> 30  
<212> DNA  
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<210> 52  
<211> 30  
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<400> 52  
catgactcgt ggaacctgtg aagaagctgg 30

<210> 53  
<211> 30  
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<210> 54  
<211> 30  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: Synthetic probe

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<220>  
<223> Description of Artificial Sequence: Synthetic probe

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<210> 58  
<211> 30  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: Synthetic probe

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tgcaagacca caagttacaa tgcaacagcc 30

<210> 59  
<211> 30  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: Synthetic probe

<400> 59  
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<210> 60  
<211> 20  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic probe

<400> 60  
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<210> 61  
<211> 612

&lt;212&gt; RNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic hybridization target

&lt;400&gt; 61

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ucuagaaaaua auuuuguuuu acuuuaagaa ggagauauac auaugaaccc cagugccccc      60
agcuacccca uggccucgcu cuacgugggg gaccuccacc ccgacgugac cgaggcgaug      120
cucuacgaga aguucagccc ggccggggccc auccucucca uccgggucug cagggacaug      180
aucacccgcc gcuccuuggg cuacgcguau gugaacuucc agcagccggc ggacgcggag      240
cgugcuuugg acaccaugaa uuugauguu auaaagggca agccaguacg caucaugugg      300
ucucagcgug auccaucacu ucgcaaaagu ggaguaggca acauauucau uaaaaaucug      360
gacaaaucca uugauaauaa agcacuguau gauacauuuu cugcuuuugg uaacauccuu      420
ucauguaagg ugguuuguga ugaaaauggu uccaagggcu auggaauugu acacuuugag      480
acgcaggaag cagcugaaag agcuauugaa aaaaugaaug gaaugcuccu aaaugaucgc      540
aaaguauuug uggacgauu uaagucucgu aaagaacgag aagcugaacu uggagcuagg      600
gcaaaagaau uc                                                                612

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&lt;210&gt; 62

&lt;211&gt; 449

&lt;212&gt; RNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic hybridization target

&lt;400&gt; 62

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aacugcuuuc ugggcagccu cuuagcuug gugggcuugu aguacagcua cagcuucauc      60
aaccuuagaa cggagugacu cuggagacuc gagcauuga agaaguucug aaauaucaau      120
cuccaacaac augccaguga uuuuaccagc aagaguaggg ugcauggcuu gaauaagagg      180
aaacagccgu ucaccaaca uuugcuuuug cucuugagga ggggcagaug ccaacaugga      240
agcagucaaa gguuccugac cuuguacaug aacagcaggc uguugcauug uaacuugugg      300
cugugcauua agauguugcu gaggauugcg aacuccugca gcuaauuuau acuguggaac      360
ggugcggaca gcaggaguag cugcagcggc ugcagcugca ggacguggac ccuugucug      420
uguugaugug uuagcaacac gcuguguug                                           449

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<210> 63  
 <211> 156  
 <212> RNA  
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic hybridization target

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 uuauuuuugu gaacagccug auguuuggga ccuuuuuucc ucaaaaauaaa caaguccuua 120  
 uuaaaccagg aauuuggaga aaaaaaaaaag gaauuc 156

<210> 64  
 <211> 380  
 <212> RNA  
 <213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic hybridization target

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 gagauuuuuu ugaucuucag cuacauuuuc ggcuuuguga gaaaccuac caucaaacac 120  
 gauggccagc aacguuacca acaagacaga uccucgcucc augaacuccc guguaaucau 180  
 ugggaaucuc aacacucuug uggucaagaa aucugaugug gaggcaaucu uuucgaagua 240  
 uggcaaaaau gugggcugcu cuguucauaa gggcuuugcc uucguucagu auguaaauga 300  
 gagaaaugcc cgggcugcug uagcaggaga ggauggcaga augauugcug gccagguuuu 360  
 agauauuaac cuggcugcag 380

<210> 65  
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 <212> RNA  
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<220>

<223> Description of Artificial Sequence: Synthetic hybridization target

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 gaucucuug gcaaguugg gccugccua agugugaaag uaaugacuga ugaaagugga 120  
 aaauccaaag gauuuggauu uguaagcuuu gaaaggcaug aagaugcaca gaaagcugug 180

gaugagauga acggaaagga gcucaaugga aaacaaauuu auguuggucg agcucagaaa	240
aagguggaac ggcagacgga acuaaagcgc aaauuugaac agaugaaaca agauaggau	300
accagauacc aggguguuua ucuuuauug aaaaaucuug augaugguau ugaugaugaa	360
cgucuccgga aagaguuuuc uccaauuggu acaaucacua g	401

&lt;210&gt; 66

&lt;211&gt; 470

&lt;212&gt; RNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic hybridization target

&lt;400&gt; 66

agugcaaagg uuaugaugga ggguggucgc agcaaagggg uugguuuugu auguuucucc	60
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ccaauguaug uagcuuuagc ucagcgcaaa gaagagcgcc aggcucaccu cacuaaccag	180
uauaugcaga gaauggcaag uguacgagcu guucccaacc cuguaaucaa ccccuaccag	240
ccagcaccuc cuucagguua cuucauggca gcuaucccac agacucagaa cggugcugca	300
uacuauccuc cuagccaaau ugcucaacua agaccaaguc cucgcuggac ugcucagggg	360
gccagaccuc auccauucca aaauaugccc ggugcuaucc gccagcugc uccuagacca	420
ccaauuagua cuaugagacc agcuucuua cagguuccac gagucauguc	470

&lt;210&gt; 67

&lt;211&gt; 503

&lt;212&gt; RNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: Synthetic hybridization target

&lt;400&gt; 67

cugcagcggg auguacggc uccucuuuug acuuggacua ugacuuucaa cgggacuauu	60
augauaggau guacaguuaa ccagcagcug uaccuccucc uccuccuauu gcucgggcug	120
uagugcccuc gaaacgucag cguguaucag gaaacacuuc acgaaggggc aaaaguggcu	180
ucaauucuaa gaguggacag cggggauuu ccaagucugg aaaguugaaa ggagaugacc	240
uucaggccau uaagaaggag cugaccaga uaaaacaaaa aguggauucu cuccuggaaa	300
accuggaaaa aaugaaaaag gaacagagca aacaagcagu agagaugaag aaugauaagu	360



cagaagagga gcagagcagc agcuccguga agaaauga gacuaaugug aagauggagu 420  
 cugagggggg ugcagaugac ucugcugagg aggggggaccu acuggaugau gaugauaau 480  
 aagaucgggg ggaugaccag cug 503

<210> 68  
 <211> 620  
 <212> RNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic hybridization target

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 agcgccaaug gcgaggaua cucuaagca cauagugggg uuuaagaauc uuaucccau 120  
 auuucuuuac cuaggcgcuu gucuaagauc aaauuuuua ccagaucuc uccccuagua 180  
 ucuucagcac augcucacug uucuccccau ccuuguccu cccauguua uuaauucaua 240  
 uugccccgag ccuagucca uuucacuc cuuugacgc ccuaguagu uuguuaaguc 300  
 uuaccugaa auuuuugcu uuaauuuuga uaccucuuua ugacuaaca auaaaaagga 360  
 ugaugguuu uuaucaacug ucuccaaaau aaucucuugu uaugcaggga guacaguuc 420  
 uuucauucau acauaaguuc aguaguugc ucccuaacug caaaggcau cucuuuagu 480  
 ugaguagcuc uugaaagcag cuuugaguua gaaguaugug uguuacacc ucacuuagu 540  
 gugcugugug gggcaguua acacaaaugu aacaauuuu uuugugaug agaguuggca 600  
 ugucaaaugc auccucuaga 620

<210> 69  
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<220>  
 <223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 69  
 gacggtatat ct 12

<210> 70  
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<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 70

agcccttac